5TH CATEGORY - HISTORIC RACING
GROUP N
APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with an Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current Motorsport Australia Manual.

Make of Car:	Ford	**Model:**	Capri V6
Period of Original Manufacture:	1969 – 1973		
Motorsport Australia Historic Group:	Nc		
Date of Issue of this Document:	1 January 2024		

Refer to Motorsport Australia Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

Update Log

1/1/2024	Inclusion of kerb and minimum racing weights

SECTION 1 - CHASSIS

1.1. CHASSIS

Description:	Unitary construction
Period of Manufacture:	1969 – 1973
Manufacturer:	Ford Motor Company
Chassis Number From:	N/A
Chassis Number location:	RHS Strut re-inforcing panel and radiator support panel
Material:	Steel
Comments	None

1.2. FRONT SUSPENSION

Description:	Independent - by MacPherson Strut			
Spring Medium:	Coil			
Damper Type:	Telescopic		**Adjustable:**	No
Anti-sway bar:	Fitted		**Adjustable:**	No
Suspension adjustable:	Yes	**Method:**	Caster, camber and toe	
Comments:	Refer to Appendix A			

1.3. REAR SUSPENSION

Description:	Live rear axle			
Spring Medium:	Semi elliptic leaf			
Damper Type:	Telescopic		**Adjustable:**	No
Anti-sway bar:	No, but see comments.		**Adjustable:**	No
Suspension adjustable:	Yes	**Method:**	Spring height	
Comments:	Anti-sway bar fitted in later models. Refer to Appendix A			

1.4. STEERING

Type:	Rack and Pinion	**Make:**	Ford
Comments	None		

1.5. BRAKES

	Front	**Rear**
Type:	Disc - solid	Drum
Dimensions:	240 mm x 12.7 mm	229 mm x 45 mm
Material of drum/disc:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	Two
Actuation:	Hydraulic	Hydraulic
Caliper make:	Girling	
Caliper type:	Fixed	
Material:	Cast iron	
Master cylinder make:	Girling	
Type:	Tandem	
Adjustable bias:	No	
Servo Fitted:	Yes	
Comments:	None	

SECTION 2 - ENGINE

2.1. ENGINE

Make:	Ford		
Model:	V6		
No. cylinders:	Six	**Configuration:**	Vee
Cylinder Block-material:	Cast iron	**Two/Four Stroke:**	Four
Bore - Original:	93.67 mm	**Max allowed:**	95.17 mm
Stroke - original:	72.42 mm	**Max allowed:**	72.42 mm
Capacity - original:	2994 cc	**Max allowed:**	3072 cc
Identifying marks:	702F 6015 AA On a flat surface on RHS of the V6 block at the rear of the block behind valley.		
Cooling method:	Liquid		
Comments:	None		

2.2. CYLINDER HEAD

Make:	Ford				
No. of valves/cylinder:	Two	**Inlet:**	One	**Exhaust:**	One
No. of ports total:	Twelve	**Inlet:**	Six	**Exhaust:**	Six
No. of camshafts:	One	**Location:**	Block	**Drive:**	Gear
Valve actuation:	Pushrod				
Spark plugs/cylinder:	One				
Identifying marks:	702M-6049 Under rocker cover				
Comments:	Revised “D” Port heads (722M-6049) are permitted.				

2.3. LUBRICATION

Method:	Wet sump	**Oil tank location:**	N/A
Dry sump pump type:	N/A	**Location:**	N/A
Oil cooler standard:	No	**Location:**	N/A
Comments:	None		

2.4. IGNITION SYSTEM

Type:	Points, coil & distributor
Make:	Lucas
Comments	Breakerless electronic ignition permitted

2.5. FUEL SYSTEM

Carburettor Make:	Weber	**Model:**	40DFAV
Carburettor Number:	One		
Size:	40 mm		
Fuel injection Make:	N/A	**Type:**	N/A
Supercharged:	No	**Type:**	N/A
Comments:	None		

SECTION 3 - TRANSMISSION

3.1. CLUTCH

Make:	Various
Type:	Diaphragm
Diameter:	241 mm
No. of Plates:	One
Actuation:	Hydraulic
Comments:	None

3.2. TRANSMISSION

Type:	Synchromesh
Make:	Ford Type F or Ford Type 5 Refer Appendix A.
Gearbox location:	Behind engine
No. forward speeds:	Four
Gearchange type and location:	H pattern floor mounted
Case material:	Type F - Cast iron main case, with alloy tail housing Type 5 - Cast iron main case and tail housing
Identifying marks:	N/A
Comments:	None

3.3. FINAL DRIVE

Make:	Ford	**Model:**	Atlas
Type:	Hypoid Bevel		
Ratios:	3.22:1, 4.1:1		
Differential type:	Open		
Comments:	None		

3.4. TRANSMISSION SHAFTS (EXPOSED)

Number:	One
Location:	Gearbox to final drive
Description:	Open tailshaft with twin uni joints
Comments:	Steel

3.5. WHEELS & TYRES

Wheel type - Original:	Pressed disc	**Material - Original:**	Steel
Wheel type - Allowed:	Steel or period alloy	**Material - Allowed:**	Alloy
Fixture method:	Stud and nut	**No. studs:**	Five
Wheel dia. & rim width	**FRONT**		**REAR**
Original:	5” x 13”		5” x 13”
Allowed	7” x 13”		7” x 13”
Tyre Section:			
Allowed:	Refer approved tyre list.		
Aspect ratio - minimum:	60% minimum aspect ratio.		
Comments:	None		

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SECTION 4 GENERAL

4.1. FUEL SYSTEM

Tank Location:	Boot floor	**Capacity:**	61 litres
Fuel pump, type:	Mechanical on block	**Make:**	Various
Comments:	None		

4.2. ELECTRICAL SYSTEM

Voltage:	12	**Alternator fitted:**	Alternator
Battery Location:	Engine compartment		
Comments:	None		

4.3. BODYWORK

Type:	Coupe	**Material:**	Steel
No. of seats:	Four	**No. doors:**	Two
Comments:	None		

4.4. DIMENSIONS

Track - Front:	1372 mm	**Rear:**	1346 mm
Wheelbase:	2560 mm	**Overall length:**	4262 mm
Approved Manufacturer's kerb weight:	1080 kg		
Approved minimum racing weight:	1053 kg		
Comments:	None		

4.5. SAFETY EQUIPMENT

Refer applicable Group Regulations

Appendix A

Suspension

Front

Spring height adjustment permitted.

Rear

Spring height adjustment permitted.

Gearbox

Type F

- 1”x 23 Spline
- Cast iron main case, with alloy tail housing

Type 5

- 1”x 23 Spline
- Cast iron main case, and tail housing
- 3 rail